WHAT IS CLAIMED IS:

1. A material to form a layer on a surface, said material comprising:

a composition including a silicone resin component, having silicon atoms associated therewith, a cross-linking component, a catalyst component, and a solvent component, with relative proportions of said silicone resin component, said cross-linking component, said catalyst component and said solvent component being established to reflow and vary a percentage of silicon atoms in said composition upon said composition and reflow when changing between a liquid to a solid phase to obtain a predetermined percentage of silicon atoms by weight.

- 2. The composition as recited in claim 1 wherein said silicone resin component is approximately 4% by weight of said composition, said cross-linking component is approximately 0.95% by weight of said composition, said catalyst component is approximately 0.05% by weight of said composition, and said solvent component is approximately 95% by weight of said composition.
- 3. The composition as recited in claim 1 wherein a percentage of said silicon atoms being in a range of 10%
 20% by weight after transitioning said composition from a liquid state to a solidified state.
- 4. The composition as recited in claim 1 wherein a percentage of said silicon atoms being greater than 20% by weight after transitioning said composition from a liquid state to a solidified state.

- 5. The composition as recited in claim 1 further including an epoxy-functional silane component, wherein said silicone resin component is approximately 4% by weight of said composition, said cross-linking component is approximately 0.7% by weight of said composition, said epoxy-functional silane component is approximately 0.25% by weight of said composition, said catalyst component is approximately 0.05% by weight of said composition, and said solvent component is approximately 95% by weight of said composition.
- 6. The composition as recited in claim 1 wherein said silicone resin component is selected from a set of hydroxyl-functional polysiloxanes consisting of methyl, phenyl, and propyl groups.
- 7. The composition as recited in claim 1 wherein said cross-linking component includes an aminoplast crosslinker.
- 8. The composition as recited in claim 1 wherein said cross-linking component includes hexamethoxymethylmelamine.
- 9. The composition as recited in claim 1 wherein said catalyst component includes an acidic compound.
- 10. The composition as recited in claim 1 said catalyst component includes toluenesulfonic acid.
- 11. The composition as recited in claim 1 wherein said solvent component is from a set consisting of

alcohol, ether, glycol, glycol ether, methyl amyl ketone, ester, and acetate.

- 12. The composition as recited in claim 5 wherein said epoxy-functional silane component is selected from a set consisting of glycidoxypropyltrihydroxysilane, 3-glycidoxypropyldimethylhydroxysilane, 3-glycidoxypropyltrimeth-oxysilane, 2,3-epoxypropyltrimethoxysilane, and gamma-glycidoxypropyltrimethoxysilane.
- 13. The composition as recited in claim 1 wherein said composition changes from said liquid state to said solidified state as a result of thermal exposure.
- 14. The composition as recited in claim 1 wherein said composition changes from said liquid state to said solidified state as a result of centrifugation and thermal exposure.
- 15. A composition for forming a layer on a surface, said composition consisting of:

hydroxyl-functional polysiloxane; hexamthoxymethylmelamine; toluenesulfonic acid; and methyl amyl ketone.

16. The composition as recited in claim 15 wherein said hydroxyl-functional polysiloxane is approximately 4% of said composition, said hexamthoxymethylmelamine is approximately 0.95% of said composition, said toluenesulfonic acid is approximately 0.05% of said

composition, and said methyl amyl ketone is approximately 95% of said composition.

- 17. The composition as recited in claim 15 further including gamma-glycidoxypropyltrimethoxysilane.
- 18. The composition as recited in claim 17 wherein said hydroxyl-functional polysiloxane is approximately 4% of said composition, said hexamthoxymethylmelamine is approximately 0.7% of said composition, said gamma-glycidoxypropyltrimethoxysilane is approximately 0.25% of said composition, said toluenesulfonic acid is approximately 0.05% of said composition, and said methyl amyl ketone is approximately 95% of said composition.
- 19. The composition as recited in claim 15 wherein relative proportions of said hydroxyl-functional polysiloxane, hexamthoxymethylmelamine, gammaglycidoxypropyltrimethoxysilane, said toluenesulfonic acid, and methyl amyl ketone provides said composition with approximately 20% by weight of silicon atoms upon transitioning from a liquid state to a solidified state.
- 20. A material to form a layer on a surface, said material comprising:

a composition including a silicone resin component, having silicon atoms associated therewith, a cross-linking component, a catalyst component, and a solvent component, with relative proportions of said silicone resin component, said cross-linking component, said catalyst component and said solvent component being established to vary a percentage of silicon atoms in said composition upon said composition changing between a liquid to a solid phase to obtain a predetermined

percentage by weight and provide a said composition with a glass transition temperature that is below a curing temperature.

- 21. The composition as recited in claim 20 wherein said silicone resin component is approximately 4% of said composition, said cross-linking component is approximately 0.7% of said composition, said epoxyfunctional silane component is approximately 0.25% of said composition, said catalyst component is approximately 0.05% of said composition, and said solvent component is approximately 95% of said composition.
- 22. The composition as recited in claim 20 with said predetermined percentage is in a range of 10% 20% by weight.
- 23. The composition as recited in claim 20 with said predetermined percentage being greater than 20% by weight.
- 24. The composition as recited in claim 21 wherein said silicone resin component is selected from a set of hydroxyl-functional polysiloxane consisting of methyl, phenyl, and propyl.
- 25. The composition as recited in claim 21 wherein said cross-linking component includes hexamethoxymethylmelamine.
- 26. The composition as recited in claim 21 wherein said catalyst component includes toluenesulfonic acid.

- 27. The composition as recited in claim 21 further including an epoxy-functional silane component selected from a set consisting of glycidoxypropyltrihydroxysilane, 3-glycidoxypropyldimethylhydroxysilane, 3-glycidoxypropyltrimeth oxysilane, 2,3-epoxypropyltrimethoxysilane, and gamma-glycidoxypropyltrimethoxysilane.
- 28. The composition as recited in claim 21 wherein said solvent component is from a set consisting of alcohol, ether, glycol, glycol ether, methyl amyl ketone, ester, and acetate.